

said container is made of a material that is substantially translucent to light in the photoactivating wavelength range;

a second container for receiving at least said biological fluid from said first container wherein said second container is integrally connected to said first container during photoactivation treatment;

an openable flow path between said first and second containers; and

an adsorbent material for removing at least one or both of excess photochemical agent or photoactivation by-products from said biological fluid.

25. (Amended) The disposable fluid processing set of Claim 24 further comprising a container for temporarily holding said photochemical agent and an openable flow path between said first container and said container holding said photochemical agent.

26. (Amended) The disposable fluid processing set of Claim 24 wherein said adsorbent material for removing at least one or both of said excess photochemical agent or said photoactivation by-product is housed within said second container.

27. (Amended) The disposable fluid processing set of Claim 26 further comprising a third container for receiving said

biological fluid from said second container and an openable flow path between said second and third containers.

28. (Amended) The disposable fluid processing set of Claim 24 wherein said adsorbent material for removing said photochemical agent and said photoactivation by-products from said biological fluid comprises a flow through device housing said adsorbent material.

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29. (Amended) The disposable fluid processing set of Claim 24 wherein said adsorbent material is contained within a semipermeable pouch housed within said second container.

31. (Amended) The disposable fluid processing set of Claim 24 wherein said processing set is adapted for joinder to a container of biological fluid.

33. (Amended) The disposable fluid processing set of Claim 31 further comprising (a) a container for temporarily holding said photochemical agent (b) an openable flow path between said first container and said container holding said photochemical agent, wherein said container holding said photochemical agent includes a tubing segment adapted for joinder to said container of biological fluid.

34. (Amended) The disposable processing set of Claim 27 comprising a tubing segment including an openable flow path for establishing flow communication between said second and third containers.

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35. (Amended) The disposable processing set of Claim 34 further comprising a filter for capturing loose particles of said adsorbent material.

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36. (Amended) The disposable fluid processing set of Claim 35 wherein said tubing segment between said second and third containers includes said filter.

Please add the following new claim:

39. (New) The disposable fluid processing set of Claim 24 wherein said first container is made of a material that is substantially translucent to photoactivating light in the UVA range.